

DEPARTMENT OF THE AIR FORCE  
AIR FORCE WEAPONS LABORATORY (AFSC)  
KIRTLAND AIR FORCE BASE, NEW MEXICO 87117



REPLY TO: AFWL/SUL/M.J. Gregory/1741  
ATTN OF:

22Sep78

SUBJECT: Bibliography of Upshot-Knothole

TO: Director  
HQ Defense Nuclear Agency  
ATTN: TITL  
Washington, D.C. 20305

1. Attached bibliography reflects our holdings on the Upshot-Knothole test series.
2. No attempt has been made to correct the entries to their present security classification. In the interest of time they were typed showing original classification.
3. If we can be of further assistance please let us know.

*Georgiana Hillier*  
GEORGIANA HILLIER  
Chief, Technical Library

Atch: Bibliography (21 pages)

DNA1.940923.023

HRE-0622

AFWL BIBLIOGRAPHY, UPSHOT-KNOTHOLE TEST SERIES

AFCRC AFSG No. 47 *DTL-001218* S/RD  
Air Force Cambridge Research Center  
CRITICAL ENVELOPE STUDY FOR THE B-61A. Norman A.  
Haskell, et al. Air Force Surveys in Geophysics.  
Sept. 1953. 24p.

WT-715 *DTL-019063* S/RD  
Terrestrial Sciences Lab., Air Force Cambridge  
Research Center  
FREE-AIR ATOMIC BLAST PRESSURE MEASUREMENTS. Norman  
A. Haskell and Richard M. Brubaker. PROJECT 1.3 (OF)  
OPERATION UPSHOT-KNOTHOLE. Apr. 1954. 60p.

WT-767 *DTL-019116* S/RD  
Air Force Cambridge Research Center  
MEASUREMENT OF THERMAL RADIATION WITH A VACUUM  
MICROPHONE. J. Lloyd Bohn, et al. PROJECT 8.2 (OF)  
OPERATION UPSHOT-KNOTHOLE. Mar. 1954. 60p.

AFCRC 8 *NOT IN TITLE COLLECTION* S/RD  
Air Force Cambridge Research Center  
PRELIMINARY REPORT ON RADIOCHEMICAL ANALYSIS OF  
UPSHOT-KNOTHOLE. J. Paul Call and Arthur Kant.  
Oct. 1953. 89p.

WT-743 *DTL-019098* S/RD  
Air Force Cambridge Research Center  
RADIATION HAZARDS TO PERSONNEL WITHIN AN ATOMIC  
CLOUD. Wright H. Langham et al. PROJECT 4.1 (OF)  
OPERATION UPSHOT-KNOTHOLE. Dec. 1953. 64p.

WT-765 *DTL-019119* S/RD  
Air Force. Office for Atomic Energy, DCS/O, AFOAT-1,  
Washington, D.C.  
CALIBRATION ANALYSIS OF CLOSE-IN BOMB DEBRIS. Walter  
Singlevich and Charles K. Reed. PROJECT 7.5 (OF)  
OPERATION UPSHOT-KNOTHOLE. Sept. 1955. 61p.

WT-763 *DTL-019120* S  
Air Force. Office for Atomic Energy, AFOAT 1  
DETECTION OF AIRBORNE LOW-FREQUENCY SOUND FROM  
NUCLEAR EXPLOSIONS. G.B. Olmsted and E.H. Nowak.  
PROJECT 7.3 (OF) OPERATION UPSHOT-KNOTHOLE. Feb. 15,  
1954. 43p.

WT-762 *DTL-019101* S/RD  
Air Force. Office for Atomic Energy, AFOAT-1,  
Washington, D. C.  
ELECTROMAGNETIC EFFECTS FROM NUCLEAR EXPLOSIONS.  
M.H. Oleson. PROJECT 7.1 (OF) OPERATION UPSHOT-  
KNOTHOLE. June 1955. 299p.

WT-764 *DTL-019119* S/RD  
Air Force. Office for Atomic Energy, AFOAT-1,  
Washington, D.C.  
SEISMIC MEASUREMENTS. J. Allen Crocker and  
Robert A. Harris. PROJECT 7.4 (OF) OPERATION  
UPSHOT-KNOTHOLE. May 1945. 87p.

WT-825 *DTL-019177* S/RD  
Air Force Special Weapons Center, 2925th Test Group  
(Atomic), Kirtland AFB, N.M.  
AIRCRAFT PARTICIPATION. Paul H. Fackler. OPERATION  
UPSHOT-KNOTHOLE. Nov. 1955. 226p.

SWC HIST UK *NOT IN TITL COLLECTION* S/RD  
Air Force Special Weapons Center  
HISTORY OF THE AIR FORCE SPECIAL WEAPONS CENTER  
PARTICIPATION IN OPERATION UPSHOT-KNOTHOLE. 30Apr54.

SWC 15 *NOT IN TITL COLLECTION* S/RD  
Air Force Special Weapons Center  
OPERATIONAL SUMMARY REPORT. 1953 CONTINENTAL  
NEVADA SPRING TEST. OPERATION UPSHOT-KNOTHOLE.  
Paul H. Fackler. 4925th Test Group (Atomic).  
Historical Summary. Feb. 1953. 306p.

SWC TN 59-11 *DTL-002442* S  
Air Force Special Weapons Center  
SUMMARY OF REPORTS PRODUCED UNDER ARDC PROJECT  
1080 "PROTECTIVE CONSTRUCTION AND TARGET VULNER-  
ABILITY" AND ITS PREDECESSORS. Richard L. Player,  
Jr. and Mahlon E. Traylor, Jr. Mar. 1959. 140p.

WT-736 *DTL-019091* S/RD.  
Air Material Command, Wright-Patterson AFB, Ohio  
and Office of the Quartermaster General, Wash.,  
D.C. and Marine Corps Schools, Quantico, Va.  
TEST OF THE EFFECTS OF POL INSTALLATIONS. E. Sevin  
et al. PROJECT 3.26 (OF) OPERATION UPSHOT-KNOTHOLE.  
Oct. 1955. 130p.

WT-721 *DTL-019071* S/RD  
Air Material Command. Wright-Patterson AFB, Ohio.  
TESTS ON THE LOADING OF BUILDING AND EQUIPMENT  
SHAPES. E.V. Gallagher and T.H. Schiffman. PROJECT  
3.1 (OF) OPERATION UPSHOT-KNOTHOLE. July 1955. 370p.

WT-723 *DTL-019069* C/RD  
Air Materiel Command, Wright-Patterson AFB, Ohio.  
TESTS ON THE LOADING OF TRUSS SYSTEMS COMMON TO  
OPEN-FRAMED STRUCTURES. Eugene Sevin. PROJECT  
3.4 (OF) OPERATION UPSHOT-KNOTHOLE. Oct. 1955.  
94p. (WADC TR 55-421).

WT-724 *DTL-019079* S/RD.  
Air Materiel Command, Wright-Patterson AFB, Ohio.  
TESTS ON THE RESPONSE OF WALL AND ROOF PANELS AND  
THE TRANSMISSION OF LOAD TO SUPPORTING STRUCTURE.  
Eugene Sevin. PROJECT 3.5 (OF) OPERATION UPSHOT-  
KNOTHOLE. May 1955. 182p. (WADC-TN 55-109).

ARDC C3-36417 *DTL-000550* S/RD  
Air Research and Development Command  
RADIOACTIVE FALL-OUT FROM ATOMIC BOMBS. N.M.  
Lulejian. Nov. 1953. 78p.

WADC TN 55-407 *DTL-000550* S/RD  
Allied Research Associates, Inc., Boston, Mass.  
CORRELATION OF PREDICTED AND MEASURED STRUCTURAL  
RESPONSE DATA FOR THE HORIZONTAL TAIL OF THE B-50D  
AIRCRAFT IN OPERATION UPSHOT-KNOTHOLE. Peter B.  
Athens and Robert V. McCarthy. Sep 1955. 52p.

WT-782 *DTL-019074* S/RD  
Armed Forces Special Weapons Project. Field Command,  
Sandia Base, Albuquerque, N.M.  
SUMMARY REPORT OF THE TECHNICAL DIRECTOR. Programs  
1-9. OPERATION UPSHOT-KNOTHOLE. Mar 1955. 232p.

WT-779 *DTL-019123* C  
Armed Forces Special Weapons Project  
TECHNICAL PHOTOGRAPHY. William R. Greer, Jr.  
and Ernest F. Dukes, Jr. PROJECT 9.1 (OF)  
OPERATION UPSHOT-KNOTHOLE. Jan. 1954. 142p.

ARF UK 3.5(FR) *NOT IN DTL COLLECTION* C  
Armour Research Foundation  
AIR FORCE STRUCTURES PROGRAM, PROJECT 3.5,  
OPERATION-KNOTHOLE; FINAL REPORT. 1954

ARF K152K5 *NOT IN DTL COLLECTION* C  
Armour Research Foundation  
ANALYSIS OF UNDERGROUND ROOF AND WALL PANELS  
SUBJECTED TO NUCLEAR BLAST, FINAL REPORT.  
Apr. 1960. 89p.

WT-725 *DTL-019078* C/RD  
Armour Research Foundation, Ill. Inst. of Tech.  
and Office of Chief of Transportation, Wash.,  
D.C., and Wright Air Development Center,  
Wright-Patterson AFB, Ohio.  
TESTS ON THE LOADING AND RESPONSE OF RAILROAD  
EQUIPMENT. Eugene Sevin. PROJECT 3.6 (OF) OPERA-  
TION UPSHOT-KNOTHOLE. Sept. 1955. 96p. (WADC  
TN 55-422).

WT-746 *DTL-019505* C/RD  
Army Medical Service Graduate School, Wash., D.C.  
BETA-GAMMA SKIN HAZARD IN THE POSTSHOT CONTAMINATED  
AREA. James T. Brennan. PROJECT 4.7 (OF) OPERATION  
UPSHOT-KNOTHOLE. Dec. 1953. 34p.

WT-820 *DTL-019168* C/RD  
AEC. Division of Biology and Medicine.  
GENETIC EFFECTS OF FAST NEUTRONS FROM NUCLEAR DETONA-  
TIONS. H.H. Plough and C.W. Sheppard, eds. PROJECT  
23.4-23.14 AND 23.16 (OF) OPERATION UPSHOT-KNOTHOLE.  
Jan. 1954. 66p.

WT-789 *DTL-019134* S/RD  
AEC  
PHYSICAL MEASUREMENTS OF GAMMA AND NEUTRON RADIATION  
IN SHELTER AND INSTRUMENTATION EVALUATION. L.J. Deal,  
Radiation Instruments Branch, Div. of Biology and  
Medicine, AEC, and H.H. Rossi, Columbia Univ., and  
G.S. Hurst, et al., Oak Ridge National Lab. PROJECT  
24.2 (OF) OPERATION UPSHOT-KNOTHOLE. Aug. 1953. 46p.

WT-796 *DTL-019150* C  
Radiation Instruments Branch, Div. of Biology and  
Medicine, AEC  
TEST OF A RADIATION TELEMETERING SYSTEM. Richard W.  
Johnston. PROJECT 28.1 (OF) OPERATION UPSHOT-KNOTHOLE.  
Aug. 1953. 62p.

WT-742 *DTL-019099* S/RD  
Ballistic Research Labs., Aberdeen Proving Ground, Md.  
AIR BLAST GAGE STUDIES. Charles N. Kingery and Marvin  
F. Clarke. PROJECT 3.30 (OF) OPERATION UPSHOT-KNOTHOLE.  
June 1954. 62p.

BRL MR 1092 *DTL-006146* U  
Ballistic Research Labs., Aberdeen Proving Gd., Md.  
AIR BLAST LOADING ON THREE-DIMENSIONAL SCALE MODELS  
OF A SEMI-CYLINDER. F.B. Smith, Jr., et al. July  
1957. 86p.

WT-821(Ref.) *DTL-019167* C/RD  
Ballistic Research Labs., Aberdeen Proving Gd., Md.  
DAMAGE REPORTS ON EXPOSED ORDNANCE EQUIPMENT. Joseph  
L. McCoy. SUPPLEMENT TO PROJECT 3.21 (OF) OPERATION  
UPSHOT-KNOTHOLE. Dec. 1954. 480p.

WT-733 *DTL-019083* S/RD  
Ballistic Research Labs., Aberdeen Proving Gd., Md.  
STATISTICAL ESTIMATION OF DAMAGE TO ORDNANCE EQUIP-  
MENT EXPOSED TO NUCLEAR BLASTS. Edward Bryant, et  
al. PROJECT 3.21 (OF) OPERATION UPSHOT-KNOTHOLE.  
Feb. 1955. 180p.

WT-738 *DTL-019089* C/RD  
Ballistic Research Labs., Aberdeen Proving Gd., Md.  
STRUCTURES INSTRUMENTATION. J.J. Meszaros and J.I.  
Randall. PROJECT 3.28.1 (OF) OPERATION UPSHOT-  
KNOTHOLE. Feb. 1955. 176p.

WT-737 *DTL-019090* C/RD  
Brooke Army Medical Center, Fort Sam Houston, Tx  
EFFECTS OF ATOMIC EXPLOSIONS ON FIELD MEDICAL  
INSTALLATIONS EQUIPMENT. Edwin S. Chapman. PRO-  
JECT 3.27 (OF) OPERATION UPSHOT-KNOTHOLE. Feb.  
1954. 224p.

WT-757 *DTL-019106* C  
Bureau of Aeronautics (Navy)  
EVALUATION OF NAVAL AIRBORNE RADIAC EQUIPMENT.  
John H. Terry. PROJECT 6.9 (OF) OPERATION UP-  
SHOT-KNOTHOLE. (n.d.) 44p.

WT-729 *DTL-019075* C/RD  
Bureau of Yards and Docks.  
NAVY STRUCTURES. R.M. Longmire and I.D. Mills.  
PROJECTS 3.11 - 3.16 (OF) OPERATION UPSHOT-KNOTHOLE.  
May 1955. 290p.

WT-802 *DTL-019145* C/RD  
California Univ., Los Angeles, Atomic Energy Project  
COMPARISON AND EVALUATION OF DOSIMETRY METHODS APPLI-  
CABLE TO GAMMA RADIATION. George V. Taplin, et al.  
PROJECT 29.1 (OF) OPERATION UPSHOT-KNOTHOLE. Sept  
1963. 74p.

WT-803 *DTL-019144* C/RD  
Atomic Energy Project, Univ. of Calif., Los Angeles  
MEASUREMENT OF FAST NEUTRONS BY EFFECTS ON SEMI-  
CONDUCTORS. Benedict Cassen, et al. Atomic Energy  
Project, Univ. of Calif., Los Angeles and North  
American Aviation, Inc. PROJECT 29.2 (OF) OPERATION  
UPSHOT-KNOTHOLE. Sept 1953. 28p.

WT-811 *DTL-019150* S/RD  
California Univ., Los Angeles, School of Medicine  
DISTRIBUTION AND CHARACTERISTICS OF FALL-OUT AT  
DISTANCES GREATER THAN 10 MILES FROM GROUND ZERO,  
MARCH AND APRIL 1953. Charles R. Rainey, et al.  
PROJECT 27.1 (OF) OPERATION UPSHOT-KNOTHOLE. Feb.  
1954. 98p.

WT-812 *DTL-019159* C/RD  
California. Univ., Los Angeles, School of Medicine.  
ENVIRONMENTAL AND BIOLOGICAL FATE OF FALLOUT FROM  
NUCLEAR DETONATIONS IN AREAS ADJACENT TO THE NEVADA  
PROVING GROUNDS. Robert G. Lindberg, et al. PROJECT  
27.2 (OF) OPERATION UPSHOT-KNOTHOLE. Feb. 1954. 54p.

WT-769 *DTL-019114* S/RD  
Chemical and Radiological Labs., Army Chemical Center  
EVALUATION OF A THERMAL ABSORBING CARBON SMOKE SCREEN.  
Elmer H. Engquist and Charles W. Forsthoff. PROJECT  
8.4-2 (OF) OPERATION UPSHOT-KNOTHOLE. Feb. 1954. 42p.

WT-753 *DTL-019110* C/RD  
Chemical and Radiological Labs., Army Chemical Center, Md.  
EVALUATION OF CHEMICAL DOSIMETERS. John E. Chaney. PROJECT  
6.4 (OF) OPERATION UPSHOT-KNOTHOLE. Jan. 1955. 32p.

WT-768 *DTL-019115* C/RD  
Chemical and Radiological Labs., Army Chemical Center, Md.  
PROTECTION AFFORDED BY OPERATION SMOKE SCREENS AGAINST  
THERMAL RADIATION. Elmer H. Engquist and Charles W.  
Forsthoff. PROJECT 8.4-1 (OF) OPERATION KNOTHOLE. Mar.  
1954. 66p.

WT-717 *DTL-019061* C  
Chemical and Radiological Labs., Army Chemical Center, Md.  
RADIOACTIVE PARTICLE STUDIES INSIDE AN AIRCRAFT. Nicholas S.  
Capasso. William M. Home, and John M. Roady. PROJECT 2.1  
(OF) OPERATION UPSHOT-KNOTHOLE. Feb. 1956. 40p.

DASIAC SR-73 *DTL-017466* C  
DASA Information and Analysis Center. Santa Barbara, Ca.  
NUCLEAR WEAPON EFFECTS IN A FORST ENVIRONMENT-BLOWDOWN.  
Summary Report - The Technical Cooperation Program (TTCP).  
J.J. Meszaros and J.R. Kelso. Aug. 69. 394p. (TCP-N2-TR1-69).

WT-777 *DTL-019125* C/RD  
David W. Taylor Model Basin, Carderock, Md.  
SUPPLEMENTARY PRESSURE MEASUREMENTS. Vernon E.  
Benjamin. PROJECT 8.11b (OF) OPERATION UPSHOT-KNOTHOLE.  
May 1955. 56p.

WT-807 *DTL-019164* S/RD  
Edgerton, Germeshausen and Grier, Inc.  
ALPHA AND TRANSIT TIME MEASUREMENT. Herbert E. Grier.  
PROJECTS 10.1 AND 10.2 OF OPERATION UPSHOT-KNOTHOLE.  
July 1955. 195p.

WT-788 *DTL-019135* S/RD  
Edgerton, Germeshausen and Grier, Inc.  
BHANGMETER MOD II. PROJECT 12.1 (OF) OPERATION  
UPSHOT-KNOTHOLE. Feb. 1954. 14p.



WT-824 *DTL-019178* S/RD  
Edgerton, Germeshausen and Grier, Inc., Boston.  
TECHNICAL PHOTOGRAPHY. PROJECT 12.1 (OF) OPERATION  
UPSHOT-KNOTHOLE. July 1955. 196p.

WT-734 *DTL-019081* C/RD  
Engineer Research and Development Labs., Ft. Belvoir, Va.  
EFFECTS OF ENGINEER BRIDGING EQUIPMENT. Gerald T. Moore.  
PROJECT 3.22 (OF) OPERATION UPSHOT-KNOTHOLE. Feb. 1954. 122p.

WT-728 *DTL-019076* S/RD  
Engineer Research and Development Labs., Ft. Belvoir, Va.  
FIELD FORTIFICATIONS. Allan R. Fowler and Daniel R.  
Muller. PROJECT 3.9 (OF) OPERATION UPSHOT-KNOTHOLE. Dec.  
1954. 262p.

WT-730 *DTL-019085* S/RD  
Engineer Research and Development Labs., Ft. Belvoir, Va.  
MINEFIELD CLEARANCE. Owen Richmond. PROJECT 3.18 (OF)  
OPERATION UPSHOT-KNOTHOLE. Feb. 1954. 104p.

WT-778 *DTL-019124* C/RD  
Engineer Research and Development Labs., Ft. Belvoir, Va.  
STUDY OF FIRE-RETARDANT PAINTS. Harvey Miller. PROJECT  
8.13 (OF) OPERATION UPSHOT-KNOTHOLE. Dec. 1953. 36p.

UKP-32 *DTL-742948* C/RD  
Federal Civil Defense Administration, Washington, D.C.  
BLAST EFFECTS OF ATOMIC WEAPONS UPON CURTAIN WALLS AND  
PARTITIONS OF MASONRY AND OTHER MATERIALS. Benjamin C.  
Taylor. PROJECT 3.29 (OF) OPERATION UPSHOT-KNOTHOLE -  
PRELIMINARY REPORT. June 1953. 29p.

WT-741 *DTL-019086* U  
Federal Civil Defense Administration, Battle Creek, Mich.  
BLAST EFFECTS OF ATOMIC WEAPONS UPON CURTAIN WALLS AND  
PARTITIONS OF MASONRY AND OTHER MATERIALS. Report to the  
Test Director. Benjamin C. Taylor. PROJECT 3.29 (OF)  
OPERATION UPSHOT-KNOTHOLE. Final Report. Aug. 1956. 276p.

WT-792 *DTL-019154* C/RD  
Federal Civil Defense Administration  
EFFECTS OF AN ATOMIC EXPLOSION ON TWO TYPICAL TWO-STORY-  
AND-BASEMENT WOOD-FRAME HOUSES. Joseph B. Byrnes. PROJECT  
21.2 (OF) OPERATION UPSHOT-KNOTHOLE. Sept 1953. 69p.

WT-801 *DTL-019146* C/RD  
Federal Civil Defense Administration, Washington, D.C.  
EFFECTS OF AN ATOMIC EXPLOSION ON UNDERGROUND AND BASE-  
MENT TYPES OF HOME SHELTERS. Joseph B. Byrnes. PROJECT  
21.1 (OF) OPERATION UPSHOT-KNOTHOLE. Oct. 1953. 51p.

WT-808 *DTL-019163* OVO  
Federal Civil Defense Administration  
EVALUATION OF TRAINING PROGRAM FOR RADIOLOGICAL DE-  
FENSE PERSONNEL. V.B. Lamoureux. PROJECT 22.1 (OF)  
OPERATION UPSHOT-KNOTHOLE. Dec. 1953. 30p.

WT-805 *DTL-019166* C/RD  
Federal Civil Defense Administration  
VARIOUS ASPECTS OF NUCLEAR RADIATION MEASUREMENTS  
FOR CIVIL DEFENSE RADIOLOGICAL DEFENSE PURPOSES.  
Jack C. Greene. PROJECT 22.2 (OF) OPERATION UPSHOT-  
KNOTHOLE. Nov. 1953. 34p.

WT-774 *DTL-019128* C/RD  
Forest Products Lab., Dept. of Agriculture  
INCENDIARY EFFECTS ON BUILDING AND INTERIOR KINDLING  
FUELS. H.D. Bruce. PROJECT 8.11a (OF) OPERATION  
UPSHOT-KNOTHOLE. Dec. 1953. 40p.

WT-775 *DTL-019127* C/RD  
Forest Service, Dept. of Agriculture  
IGNITION AND PERSISTENT FIRES RESULTING FROM ATOMIC  
EXPLOSIONS-EXTERIOR KINDLING FUELS. Fred M. Sauer,  
et al. PROJECT 8.11b (OF) OPERATION UPSHOT-KNOTHOLE.  
Dec. 1953. 50p.

WT-731 *DTL-019084* C/RD  
Forest Service, Div. of Fire Research, Dept of Agriculture  
BLAST DAMAGE TO CONIFEROUS TREE STANDS BY ATOMIC EXPLOSIONS.  
Fred M. Sauer, et al. PROJECT 3.19 (OF) OPERATION UPSHOT-  
KNOTHOLE. Jan. 1954. 84p.

WT-726 *DTL-021267* C/RD  
Illinois. Univ.  
AIR BLAST EFFECTS ON ENTRANCES AND AIR INTAKES OF UNDER-  
GROUND INSTALLATIONS. G.K. Sinnamon, W.J. Austin, and N.M.  
Newmark. PROJECT 3.7 (OF) OPERATION UPSHOT-KNOTHOLE. Feb. 1,  
1955. 152p.

WT-708 *DTL-019053* C/RD.  
California. Univ., Livermore. Radiation Lab.  
ALPHA AND TRANSIT-TIME MEASUREMENTS ON HYDRIDE TESTS.  
Louis Wouters. PROJECTS 10.1 AND 10.2a (OF) OPERATION  
UPSHOT-KNOTHOLE. May 1953. 51p.

WT-804 *DTL-019143* S/RD  
Radiation Lab., Univ. of Calif. Livermore  
NEUTRON-ENERGY DISTRIBUTION OF HYDRIDE I. R. Stephen  
White and Albert J. Oliver. PROJECT 17.4 (OF) OPERATION  
UPSHOT-KNOTHOLE. Nov. 1953. 47p.

WT-701 *DTL-019060* S/RD  
Radiation Lab., Univ. of Calif., Livermore  
NUCLEAR-CORE DESIGN AND HANDLING. Wallace D. Decker  
and Thomas E. McLellan. OPERATION UPSHOT-KNOTHOLE. May  
1953. 19p. (UCRL 4108)

UCRL-4011(Rev.) *DTL-017387* S/RD  
Radiation Lab., Univ. of Calif. Livermore  
PREOPERATIONAL REPORT ON UPSHOT. H.F. York and M.R.  
Jeppson. Jan. 28, 1953. 20p.

WT-823 *DTL-019173* S/RD  
California. Univ., Livermore. Radiation Lab.  
RADIOCHEMISTRY RESULTS. Kenneth Street, Jr. and  
Roger E. Batzel. PROJECT 13.2 (OF) OPERATION UPSHOT-  
KNOTHOLE. Jan. 1955. 15p.

WT-797 *DTL-019149* S/RD  
Radiation Lab., Univ. of Calif., Livermore  
SURVEY OF ELECTROMAGNETIC EFFECTS. Otto H. Krause  
and William Ross Aiken. PROJECT 15.3 (OF) OPERATION  
UPSHOT-KNOTHOLE. Oct. 1953. 62p.

WT-705 *DTL-019065* C/RD  
Los Alamos Scientific Lab., N.M.  
ACTIVITIES OF THE SPECIAL WEATHER ADVISORY SERVICE.  
George J. Newgarden, III. OPERATION UPSHOT-KNOTHOLE.  
July 1953. 98p.

WT-818 *DTL-019170* S/RD  
Los Alamos Scientific Lab.  
EXTERNAL INITIATOR MEASUREMENTS. Robert S. Dike,  
ed., et al. PROGRAM 14 (OF) OPERATION UPSHOT-  
KNOTHOLE. July 1954. 109p.

WT-826 *DTL-019176* S/RD  
Los Alamos Scientific Lab., N.Mex.  
EXTERNAL NEUTRON MEASUREMENTS WITH THRESHOLD  
DETECTORS. W.A. Biggers and L.J. Brown. PROJECT  
17.1 (OF) OPERATION UPSHOT-KNOTHOLE. Mar. 1955. 26p.

WT-827 *DTL-019175* S/RD  
Los Alamos Scientific Lab., N.Mex.  
GAMMA RADIATION AS A FUNCTION OF DISTANCE. Ellergy  
Storm. PROJECT 10.3 (OF) OPERATION UPSHOT-KNOTHOLE.  
Feb. 1956. 28p.

WT-799 *DTL-019147* S/RD  
Los Alamos Scientific Lab.  
INVESTIGATION OF AN ALPHA TELEMETERING SYSTEM. Alvin L.  
Embry. PROJECT 10.4 (OF) OPERATION UPSHOT-KNOTHOLE. July  
1953. 33p.

WT-791 *DTL-019153* S/RD  
Los Alamos Scientific Lab.  
INVESTIGATION OF EARLY ELECTROMAGNETIC SIGNALS.  
R.D. England and R.E. Partridge, Jr. PROJECT 15.4.  
(OF) OPERATION UPSHOT-KNOTHOLE. Nov. 1953. 71p.

WT-706 *DTL-019055* S/RD  
Los Alamos Scientific Lab.  
MEASUREMENT OF TELLER ALPHA. W.E. Ogle and R.L.  
Aamodt. PROJECT 10.4 (OF) OPERATION UPSHOT-KNOTHOLE.  
July 1953. 17p.

WT-816 *DTL-019172* S/RD  
Los Alamos Scientific Lab., N.Mex.  
REPORT OF THE DEPUTY TEST DIRECTOR. John C. Clark.  
OPERATION UPSHOT-KNOTHOLE. June 1954. 161p.

WT-822 *DTL-019180* C  
Los Alamos Scientific Lab., N.Mex.  
STAFF REPORTS. PART I. PERSONNEL AND ADMINIS-  
TRATION. John C. Tervo. Apr 1954. PLANS AND  
OPERATIONS. Duncan Curry, Jr., B.C. Lyon, and  
Leonard F. Dow. Aug. 1953. PART III. ENGINEERING  
AND CONSTRUCTION. R.W. Newman. July 1953. OPERATION  
UPSHOT-KNOTHOLE. 57p.

WT-798

DTL-019148

C/RD

Lovelace Foundation for Medical Education and  
Research, Albuquerque, N.Mex.

EFFECTS OF OVERPRESSURES IN GROUP SHELTERS ON ANIMALS  
AND CUMMIES. J.E. Roberts, et al. PROJECT 23.15 (OF)  
OPERATION UPSHOT-KNOTHOLE. Sept. 1953. 70p.

AFSWP-1040 (Summary)

DTL-006140

S/FRD

Massachusetts Inst. of Tech., Cambridge. Dept of  
Civil and Sanitary Engineering.

CRITERIA FOR COLLAPSE DAMAGE TO STRUCTURES IN RELATION  
TO WEAPON YIELD, HEIGHT OF BURST, AND DISTANCE. Saul  
Namyet. Oct. 1957. 37p.

WT-748

DTL-019093

S/RD

Naval Air Material Center, Philadelphia.

ATOMIC WEAPON EFFECTS ON AD TYPE AIRCRAFT IN FLIGHT.  
Leo Rogin et al. PROJECT 5.1 (OF) OPERATION UPSHOT-  
KNOTHOLE. Mar. 1954. 198p.

WT-772

DTL-019130

S/RD

Naval Material Lab., Brooklyn.

EFFECTS OF THERMAL RADIATION ON MATERIALS. Thomas I.  
Monahan and Willard L. Derksen. PROJECT 8.9 (OF)  
OPERATION UPSHOT-KNOTHOLE. May 1954. 56p.

WT-744

DTL-019097

S/RD

Naval Medical Research Inst., Bethesda

DIRECT AIR BLAST EXPOSURE EFFECTS IN ANIMALS. R.H.  
Draeger and R.H. Lee. PROJECT 4.2 (OF) OPERATION  
UPSHOT-KNOTHOLE. Dec. 1953. 30p.

UKP-10

DTL-019131

C

Naval Medical Research Inst., Bethesda, Md.

RESIDUAL GAMMA DEPTH DOSE MEASUREMENTS IN UNIT -  
DENSITY MATERIAL. F.W. Chambers, Jr., Robert  
Sharp, and James W. Duckworth. PROJECT 2.2b (OF)  
OPERATION UPSHOT-KNOTHOLE-PRELIMINARY REPORT.

WT-719

DTL-019073

C/RD

Naval Medical Research Inst., Bethesda, Md.

RESIDUAL IONIZING RADIATION DEPTH DOSE MEASUREMENTS  
IN UNIT-DENSITY MATERIAL. F.W. Chambers, R. Sharp,  
and J.W. Duckworth. PROJECT 2.2b (OF) OPERATION  
UPSHOT-KNOTHOLE. Feb. 1957. 44p.

WT-710 *DTL-019051* S/RD  
Naval Ordnance Lab., White Oak, Md.  
AIR BLAST MEASUREMENTS. W.E. Morris et al. PROJECTS  
1.1a and 1.2 (OF) OPERATION UPSHOT-KNOTHOLE. Aug. 1955.  
300p. (NOL-1180).

WT-785 *DTL-019138* OUO  
Naval Ordnance Lab.  
DEVELOPMENT OF MECHANICAL PRESSURE-TIME AND PEAK  
PRESSURE RECORDERS FOR ATOMIC BLAST MEASUREMENT.  
F.J. Oliver, et al. PROJECT 1.1a-2 (OF) OPERATION  
UPSHOT-KNOTHOLE. Mar. 1955. 36p.

WT-784 *DTL-019139* OUO  
Naval Ordnance Lab.  
EVALUATION OF WIANCKO AND VIBROTRON GAGES AND  
DEVELOPMENT OF NEW CIRCUITRY FOR ATOMIC BLAST MEASURE-  
MENTS. Joseph Petes, et al. PROJECT 1.1a-1 (OF)  
OPERATION UPSHOT-KNOTHOLE. Feb. 1955. 56p.

WT-739 *DTL-019088* C/RD  
Naval Ordnance Lab.  
PRESSURE MEASUREMENTS FOR VARIOUS PROJECTS OF PROGRAM 3.  
W.E. Morris and J. Petes. PROJECT 3.28.2 (OF) OPERATION  
UPSHOT-KNOTHOLE. Dec. 1953. 60p.

WT-786 *DTL-019137* S/FRD  
Naval Ordnance Lab., White Oak, Md.  
SHOCK DIFFRACTION IN THE VICINITY OF A STRUCTURE.  
W.E. Morris. PROJECT 3.1u (OF) OPERATION UPSHOT-  
KNOTHOLE. Aug. 1959. 32p.

NAVORD 5732 *DTL-006139* S/FRD  
Naval Ordnance Lab., White Oak, Md.  
TEMPERATURE DISTRIBUTION ALONG THE GROUND IN THE  
THERMAL LAYER PRODUCED BY A NUCLEAR EXPLOSION. J.C.  
Lanz. Apr. 24, 1959. 82p. (DASA-1141).

WT-794 *DTL-019152* C/RD  
Naval Radiological Defense Lab.  
BACTERIOLOGICAL STUDIES ON ANIMALS EXPOSED TO NEUTRON  
RADIATION. Myron S. Silverman and Victor P. Bond.  
PROJECT 23.2 (OF) OPERATION UPSHOT-KNOTHOLE. July 1953.  
22p.

WT-793

DTL-019153

S/RD

Naval Radiological Defense Lab.

BIOLOGICAL EFFECTIVENESS OF IONIZING RADIATION WITHIN SHELTERS. V.P. Bond, et al., Naval Radiological Defense Lab., and E.P. Cronkite, et al., Naval Medical Research Inst., Bethesda, and W.T.S. Thorpe, National Institutes of Health. PROJECT 23.1 (OF) OPERATION UPSHOT-KNOTHOLE. Sept. 1953. 66p.

WT-747

DTL-019094

C/RD

Naval Radiological Defense Lab., San Francisco.

BIOLOGICAL EFFECTS OF NEUTRONS. Robert E. Carter et al. PROJECT 4.8 (OF) OPERATION UPSHOT-KNOTHOLE. Dec. 1953. 58p.

WT-735

DTL-019080

S/RD

Naval Radiological Defense Lab., San Francisco

EFFECTS OF AN AIR BURST ATOMIC EXPLOSION ON LANDING VEHICLES TRACKED (LVT'S). M.R. Olson, et al. PROJECT 3.24 (OF) OPERATION UPSHOT-KNOTHOLE. Oct. 1954. 52p.

WT-795

DTL-019151

S/RD

Naval Radiological Defense Lab.

NEUTRON-FLUX MEASUREMENTS IN AEC GROUP SHELTERS AND LEAD HEMISPHERES. E. Tochilin, et al. PROJECT 23.17 (OF) OPERATION UPSHOT-KNOTHOLE. Sept. 1953. 64p.

WT-773

DTL-019129

S/RD

Naval Radiological Defense Lab.

PHYSICAL CHARACTERISTICS OF THERMAL RADIATION FROM AN ATOMIC BOMB DETONATION. Andrew Guthrie and R.W. Hillendahl. PROJECT 8.10 (OF) OPERATION UPSHOT-KNOTHOLE. Feb. 1954. 82p.

WT-829

DTL-019173

S/RD

Naval Research Lab., Washington, D.C.

EIGH-DISPERSION SPECTROGRAPHIC OBSERVATIONS. John H. Campbell. PROJECT 18.3 (OF) OPERATION UPSHOT-KNOTHOLE. Issuance Date: Mar. 30, 1962. 74p.

WT-828

DTL-019174

S/RD

Naval Research Lab., Washington, D.C.

LOW-RESOLUTION SPECTROSCOPY. J.A. Curcio, C.H. Duncan and L.F. Drummeter, Jr. PROJECT 18.3 (OF) OPERATION UPSHOT-KNOTHOLE. FINAL REPORT. LOW-RESOLUTION SPECTROSCOPY. PART II. Sept. 1955. 116p.

WT-720 *DTL-019072* S/RD  
Naval Research Lab.  
NEUTRON FLUX MEASUREMENTS. D.K. Willett, et al.  
Naval Research Lab. and Office of Naval Research.  
PROJECT 2.3 (OF) OPERATION UPSHOT-KNOTHOLE. Dec.  
1953. 60p.

WT-761 *DTL-019102* S  
Navy Electronics Lab., San Diego, Calif.  
EFFECTIVENESS OF FAST SCAN RADAR FOR FIREBALL STUDIES  
AND WEAPONS TRACKING. PROJECT 6.13 (OF) OPERATION  
UPSHOT-KNOTHOLE. June 1955. 26p.

WT-776 *DTL-019126* C/RD  
Navy Electronics Lab., San Diego, Calif.  
SOUND VELOCITIES NEAR THE GROUND IN THE VICINITY OF AN  
ATOMIC EXPLOSION. R.C. McLoughlin and P.C. Foushee.  
PROJECT 8.12a (OF) OPERATION UPSHOT-KNOTHOLE. Jan.  
1955. 68p.

WT-727 *DTL-019077* C/RD  
Office of the Chief of Engineers. Protective Con-  
struction Branch, Washington, D.C.  
AIR BLAST EFFECTS ON UNDERGROUND STRUCTURES. N.M.  
Newmark and G.K. Sinnamonn. PROJECT 3.8 (OF) OPERATION  
UPSHOT-KNOTHOLE. Jan. 1954. 138p.

WT-771 *DTL-019131* C/RD  
Quartermaster Research and Development Labs., Philadelphia.  
PERFORMANCE CHARACTERISTICS OF CLOTHING MATERIALS TO THERMAL  
RADIATION. David Feldman and J. Fred Oesterling. PROJECT  
8.6 (OF) OPERATION UPSHOT-KNOTHOLE. July 1955. 88p.

WT-770 *DTL-019132* C/RD  
Quartermaster Research and Development Labs., Philadelphia  
and Army Medical Service Graduate School, Washington, D.C.  
and Rochester, N.Y. Atomic Project and Walter Reed Army  
Medical Center, Washington, D.C.  
THERMAL RADIATION PROTECTION AFFORDED TEST ANIMALS BY FABRIC  
ASSEMBLIES. J. Fred Oesterling. PROJECT 8.5 (OF) OPERATION  
UPSHOT-KNOTHOLE. July 1955. 64p.

RM-1234 *DTL-019532* S/RD  
RAND Corp.  
BLAST DAMAGE TO RAILROAD EQUIPMENT. L.A. Gore and J.J.  
O'Sullivan. Jan. 7, 1954. 19p.



RAND R-265 *DTL-014438* S/RD  
RAND Corp.  
TRANSPORT AND EARLY DEPOSITION OF RADIOACTIVE DEBRIS  
FROM ATOMIC EXPLOSIONS. Stanley M. Greenfield, et al.

WT-814 *DTL-019157* C/RD  
Rochester, N.Y. Univ., School of Medicine  
EFFECTIVE ENERGY OF RESIDUAL GAMMA RADIATION. Adrian H.  
Dahl. PROJECT 29.4 (OF) OPERATION UPSHOT-KNOTHOLE. Jan.  
1954. 72p.

WT-712 *DTL-019066* S/RD  
Sandia Corp., Albuquerque, N.Mex.  
AIR SHOCK PRESSURE-TIME VS DISTANCE FOR A TOWER SHOCK.  
J.D. Shreve, Jr. PROJECT 1.1c-1 (OF) OPERATION UPSHOT-  
KNOTHOLE. Apr. 1955. 60p.

WT-713 *DTL-019065* S/RD  
Sandia Corp.  
AIR SHOCK PRESSURES AS AFFECTED BY HILLS AND DALES.  
M.L. Merritt. PROJECT 1.1c-2 (OF) OPERATION UPSHOT-  
KNOTHOLE. Sept. 1954. 36p.

WT-714 *DTL-019064* S/RD  
Sandia Corp.  
DYNAMIC PRESSURE VS TIME AND SUPPORTING AIR BLAST MEASURE-  
MENTS. PROJECT 1.1d (OF) OPERATION UPSHOT-KNOTHOLE. C.D.  
Broyles. Feb. 1954. 116p.

WT-716 *DTL-019062* S/RD  
Sandia Corp., Albuquerque, N.Mex.  
FREE-FIELD MEASUREMENTS OF EARTH STRESS, STRAIN, AND  
GROUND MOTION. W.R. Perret and V.L. Gentry. PROJECT  
1.4 (OF) OPERATION UPSHOT-KNOTHOLE. Feb. 1955. 108p.

WT-9003 *DTL-020682* S/RD  
Sandia Corp., Albuquerque, N.Mex.  
LONG-DISTANCE BLAST PREDICTIONS, MICROBAROMETRIC MEASURE-  
MENTS, AND UPPER-ATMOSPHERE METEOROLOGICAL OBSERVATIONS  
FOR OPERATIONS UPSHOT-KNOTHOLE, CASTLE, AND TEAPOT. Gen-  
eral Report on Weapons Tests. E.F. Cox and J.W. Reed.  
Oct. 1956. 90p.

WT-813 *DTL-019158* C/RD  
Sandia Corp.  
MEASUREMENTS OF ELECTRIC TRANSIENTS IN THE EARTH.  
John M. Harding and George E. Baker. PROJECT 15.2  
(OF) OPERATION UPSHOT-KNOTHOLE. Dec. 1953. 43p.

WT-819 *DTL-019169* S/RD  
Sandia Corp.  
REMOTE TRANSIT-TIME MEASUREMENTS. C.B. McCambell, et al.  
PROJECT 10.2b (OF) OPERATION UPSHOT-KNOTHOLE. Sept 1954. 53p.

WT-787 *DTL-019136* C/RD  
Sandia Corp.  
TEST PROCEDURES AND INSTRUMENTATION FOR PROJECTS 1.1c,  
1.1d, 1.4a, and 1.4b. G.W. Rollosen. PROJECT 1.5 (OF)  
OPERATION UPSHOT-KNOTHOLE. June 1954. 92p.

WT-745 *DTL-019096* S/RD  
School of Aviation Medicine, Randolph Field AFB, Tex.  
OCULAR EFFECTS OF THERMAL RADIATION FROM ATOMIC DETONATIONS -  
FLASHBLINDNESS AND CHORIORETINAL BURNS. Victor A. Byrnes et  
al. PROJECT 4.5 (OF) OPERATION UPSHOT-KNOTHOLE. Nov. 30,  
1955. 76p.

WT-732 *DTL-019083* S/RD  
Signal Corps Engineering Labs., Fort Monmouth, N.J.  
BLAST AND THERMAL EFFECTS OF AN ATOMIC BOMB ON TYPICAL  
TACTICAL COMMUNICATION SYSTEMS. Jacob Eggert and Elmer R.  
Higgins. PROJECT 3.20 (OF) OPERATION UPSHOT-KNOTHOLE.  
(n.d.) 282p.

WT-760 *DTL-019105* S/RD  
Signal Corps Engineering Labs., Fort Monmouth, N.J.  
DETERMINATION OF HEIGHT OF BURST AND GROUND ZERO. Roland V.  
Tiede et al. PROJECT 6.12 (OF) OPERATION UPSHOT-KNOTHOLE.  
May 1955. 68p.

WT-755 *DTL-019108* C  
Signal Corps Engineering Labs.  
EVALUATION OF MILITARY RADIAC EQUIPMENT. Joseph M.  
Johnston and George Poyet. Signal Corps Engineering  
Labs. and Bureau of Ships, Dept of the Navy. PROJECT  
6.8 (OF) OPERATION UPSHOT-KNOTHOLE. June 1954. 90p.

WT-758 *DTL-019105* C  
Signal Corps Engineering Labs.  
EVALUATION OF RAPID AERIAL RADIOLOGICAL SURVEY TECHNIQUES.  
John R. Price. PROJECT 6.10 (OF) OPERATION UPSHOT-KNOTHOLE.  
May 1954. 26p.

WT-718 *DTL-019074* C/RD  
Signal Corps Engineering Labs., Fort Monmouth, N.J.  
GAMMA RADIATION SPECTRUM OF RESIDUAL CONTAMINATION.  
Robert C. Bass, Lowell J. Smith and Stanley H. Ungar.  
PROJECT 2.2a (OF) OPERATION UPSHOT-KNOTHOLE. May 1955.  
80p.

WT-756 *DTL-019107* S/RD  
Signal Corps Engineering Labs., Fort Monmouth, N.J.  
INITIAL GAMMA EXPOSURE VERSUS DISTANCE. Ross G.  
Larrick, Ockle E. Johnson, and Robert G. Marmioli.  
PROJECT 6.8a (OF) OPERATION UPSHOT-KNOTHOLE. Apr.  
1955. 38p.

WT-754 *DTL-019109* S/RD  
Signal Corps Engineering Labs., Fort Monmouth, N.J.  
MEASUREMENTS AND ANALYSIS OF ELECTROMAGNETIC RADIATION  
FROM NUCLEAR DETONATION. PROJECT 6.7 (OF) OPERATION  
UPSHOT-KNOTHOLE. June 1956. 34p.

WT-711 *DTL-019067* S/RD  
Stanford Research Inst., Calif.  
AIR PRESSURE AND GROUND SHOCK MEASUREMENTS. L.M. Swift  
and D.C. Sachs. PROJECT 1.1b (OF) OPERATION UPSHOT-  
KNOTHOLE. Jan. 1955. 222p.

WT-740 *DTL-019067* C/RD  
Stanford Research Inst.  
PRESSURE MEASUREMENTS ON STRUCTURES. L.M. Swift.  
PROJECT 3.28.3 (OF) OPERATION UPSHOT-KNOTHOLE. Mar.  
1954. 44p.

WT-752 *DTL-019111* S/RD  
Strategic Air Command, Offutt AFB, Omaha  
INTERIM IBDA CAPABILITIES OF STRATEGIC AIR COMMAND.  
Gerald G. Keeling. PROJECT 6.3 (OF) OPERATION UPSHOT-  
KNOTHOLE. Jan. 1955. 56p.

WT-759 *DTL-019104* C/RD  
 Tactical Air Command, Langley Air Force Base, Va.  
 INDOCTRINATION OF TACTICAL AIR COMMAND CREWS IN THE  
 DELIVERY AND EFFECTS OF ATOMIC WEAPONS. John W.  
 Rawlings, Jr. PROJECT 6.11 (OF) OPERATION UPSHOT-  
 KNOTHOLE. Dec. 1953. 46p.

WT-790 *DTL-019133* C/RD  
 Vitro Corp. of America  
 AEC SHELTER INSTRUMENTATION. E.W. Ruhl, et al.  
 PROJECT 24.3 (OF) OPERATION UPSHOT-KNOTHOLE. Aug.  
 1953. 145p.

WT-707 *DTL-019254* S/RD  
 Los Alamos Scientific Lab.  
 HANDBOOK OF DIAGNOSTIC EXPERIMENTS. Leslie B. Seely,  
 Jr., ed. OPERATION UPSHOT-KNOTHOLE. Feb. 1953. 77p.

UCRL-4403 *NOT IN DTL COLLECTION* S/RD  
 California. Univ., Livermore. Radiation Lab.  
 METHOD OF FORECASTING FALL-OUT ISODOSE CONTOURS FOR  
 NEVADA PROVING GROUND. A. Vay Shelton. Sept. 28,  
 1954. 14p.

OUK OS *DTL-019191* S/RD  
 Armed Forces Special Weapons Project, FC  
 OPERATION UPSHOT-KNOTHOLE, OPERATIONAL SUMMARY,  
 1 March - 9 June 1953. Aug 53. 103p.

WT-9004 *DTL-020683* S/RD  
 Los Alamos Scientific Lab., N.Mex.  
 EXTERNAL NEUTRON MEASUREMENTS 1946 THROUGH 1956.  
 Wendell A. Biggers and Freeman Waddell. GENERAL  
 REPORT ON WEAPONS TESTS. Mar. 1957. 202p.

UCRL 4126 *DTL-017300* S/RD  
 Radiation Lab., Univ. of Calif., Livermore  
 HIGH SPEED PHOTOGRAPHIC STUDIES BY UNIVERSITY OF  
 CALIFORNIA RADIATION LABORATORY AT UPSHOT. Donald R.  
 Born. May 28, 1953. 18p.

WT-817 *DTL-019717* C  
 Armed Forces Special Weapons Project. Field Command.  
 Sandia Base, Albuquerque, N.Mex.  
 RADIOLOGICAL SAFETY OPERATION. Tom D. Collison.  
 OPERATION UPSHOT-KNOTHOLE. June 1953. 172p.

NRDL TR-658 *DTL-012150* S/RD  
Naval Radiological Defense Lab., San Francisco.  
COMPILATION AND EMPIRICAL ANALYSIS OF THERMAL EXPOSURE  
DATA FROM NUCLEAR SURFACE BURSTS. R.W. Shnider. July 12,  
1963. 33p.

WT-9001 *DTL-020680* S/RD  
PRELIMINARY HYDRODYNAMIC YIELDS OF NUCLEAR WEAPONS.  
Francis B. Porzel et al. GENERAL REPORT ON WEAPONS TESTS.  
Dec. 1953. 69p.

ARF UK 3.3(FR) *NOT IN TITLE COLLECTION C*  
Armour Research Foundation  
AIR FORCE STRUCTURES PROGRAM, PROJECT 3.3, OPERATION  
UPSHOT-KNOTHOLE; FINAL REPORT. April 1954.

ARF UK 3.1(FR) *NOT IN TITLE COLLECTION S*  
Armour Research Foundation  
AIR FORCE STRUCTURES PROGRAM, PROJECT 3.1, OPERATION  
UPSHOT-KNOTHOLE; FINAL REPORT. April 1954.

LA 5690 *DTL-560211* S/RD  
Los Alamos Scientific Lab.  
TWO DIMENSIONAL FIREBALL CALCULATIONS FOR THE CLIMAX  
EVENT. Oct 74. 42p.

WL TDR 64-16 *DTL-003442* S/FRD  
Allied Research Associates, Inc., Concord, Mass.  
EMPIRICALLY DERIVED YIELD AND ALTITUDE SCALING LAWS  
FOR CERTAIN FIREBALL PHENOMENA. Paul G. Wing. Mar.  
1964. 42p.

SWC TR 57-1 V.I and V.II *DTL-002356* S *V-2*  
*DTL-002851*  
Air Force Special Weapons Center, Kirtland AFB, N.Mex.  
and Illinois Inst. of Tech., Chicago. Armour Research  
Foundation.  
TWO- AND THREE-DIMENSIONAL SHOCK TUBE LOADING STRUCTURES  
ON MODELS OF OPERATION KNOTHOLE PROGRAM 3. A.H. Wiedermann.  
Aug. 1956. 100p.

EGG LAD 8566 *DTL 752135* S  
EG&G, Los Alamos  
ANALYSIS OF GRABBLE NUCLEAR CLOUD MOTIONS. Mar 75. 62p.

WT-722 *DTL-019070* S/RD  
Wright Air Development Center, Wright-Patterson AFB, Ohio.  
TEST ON THE LOADING OF HORIZONTAL CYLINDRICAL SHAPES.  
Eugene Sevin. PROJECT 3.3 (OF) OPERATION UPSHOT-KNOTHOLE.  
Oct. 1955. 114p. (WADC TR 55-420).

CEX-59.15(Pt.A) *NOT IN TITLE COLLECTION* S/RD  
Edgerton, Germeshausen and Grier, Inc., Santa Barbara, CA.  
ACCUMULATED PHYSICAL EFFECTS FOR NTS ZERO SITES. A. ACCUMU-  
LATED PHYSICAL SURFACE EFFECTS FOR NTS ZERO SITE 1. TOTAL  
GAMMA, NEUTRON, THERMAL, AND PEAK OVERPRESSURE. Jerry G.  
Lackey. Nov. 27, 1961. Issuance Date: Oct. 1963. 66p.

SWC 28 *DTL-352344* S/RD  
Air Force Special Weapons Center  
THE SPECIAL WEAPONS CENTER AND ATOMIC TESTING. Max  
Gerster. Jan. 1957.

SWC HIST 1953 *NOT IN TITLE COLLECTION* S/RD  
Air Force Special Weapons Center  
HISTORY OF THE AIR FORCE SPECIAL WEAPONS CENTER FOR 1953.  
July 1955.